

The Commonwealth of Massachusetts

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1944

# ASSESSMENTS

FOR

## INTEREST, SINKING FUNDS, SERIAL BONDS AND MAINTENANCE OF THE METROPOLITAN DISTRICTS

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Compiled in the Office of  
FRANCIS X. HURLEY  
TREASURER AND RECEIVER-GENERAL



# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, Sept. 1, 1944.

Under the provisions of section 11 of chapter 10 of the General Laws the following computations for annual assessments for interest, sinking funds, serial bond payments and maintenance for 1944, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

Since September 1, 1943, no bonds have been issued.

The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

## METROPOLITAN SEWER

SECTION 5. The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns, as last established by the general court as a basis of apportionment for state and county taxes.

SECTION 6. The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system, shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## METROPOLITAN WATER

SECTION 26. (As amended by section 2 of chapter 543 of the Acts of 1943.) The state treasurer, for the purpose of making the apportionment to the towns in the metropolitan water district of the amount required in each year to pay the interest, sinking fund requirements and expenses of maintenance and operation of the metropolitan water system, shall, in each year, apportion such amount to the towns in said district, one third in proportion to their valuations, and the remaining two thirds in proportion to their consumption, in the preceding year, of water received from all sources of supply as determined by the commission and certified to said state treasurer; provided, that there shall be included in reckoning such proportion only one fifth of the total valuation, and nothing for consumption of water, for any town which has not reached the safe capacity of its present sources of supply or of the sources of supply of the water company by which it is supplied, as the case may be, determined as aforesaid, or which has not made application to said commission for water; and provided, further, that the assessment of any town assessed upon its full valuation, which obtains a part of its water supply from other than district sources, shall not exceed, by more than three two hundredths of one per cent of such valuation, the product of the total number of million gallons of water supplied to said town in the preceding year from the metropolitan water system by a cost per million

gallons equal to forty dollars plus the product of twenty dollars by the ratio of the town's valuation to the aggregate valuation of all members of the district and by the inverse ratio of the town's total water consumption to the aggregate consumption of all members in the preceding year. If any town is admitted to the metropolitan water district too late in any year to share with the other members the total district assessment for that year, it shall be assessed and pay as a part of its assessment for the following year a sum equal to the product of the total number of million gallons of water furnished it by the district during the balance of the year of its admission by a cost per million gallons equal to forty dollars plus the product of twenty dollars by the ratio of the town's valuation to the aggregate valuation of all members of the district and by the inverse ratio of the town's total water consumption to the aggregate consumption of all members in the preceding year. The state treasurer shall annually notify each town assessed under the provisions of this section and of section ten, of the amount of its assessment, and the same shall be paid by the town to the commonwealth at the time required for the payment of, and as a part of, its state tax.

As used in this chapter, the word "valuation" means the taxable valuation last established by the general court as a basis of apportionment for state and county taxes.

### METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles river basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles river basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. The proportions in which each town of said district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of reservations, exclusive of Nantasket beach reservation and the Charles river basin, and any deficiency in the amounts previously paid in, as found by said treasurer, shall be apportioned according to the average percentage of valuation and population, determined as to any town by adding together the percentage which the valuation of the same bears to the total valuation of the towns of the district and the percentage which the population of the same bears to the total population of the towns of the district, and dividing this sum by two.

SECTION 56. (As amended by chapter 197 of the Acts of 1933.) The proportion in which each town of the metropolitan parks district, including Cohasset with respect to the maintenance of Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of said reservation and the Charles river basin and any deficiency in the amounts previously paid in, as found by said treasurer, shall be based upon the respective taxable valuations of the property of said towns. The cost of maintenance of boulevards shall be annually appropriated by the general court from the Highway Fund.

SECTION 57. (As amended by chapter 197 of the Acts of 1933.) The commission shall annually, in accordance with the provisions of the three preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state



treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury at the time required for the payment of its proportion of the state tax.

SECTION 59. For the purpose of the five preceding sections, the words "taxable valuation of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

FRANCIS X. HURLEY,  
*Treasurer and Receiver-General.*

### TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1944

CITIES AND TOWNS	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage North and South Systems	Charles River Basin	Total
Arlington . . .	\$ 84,464 05	\$ 13,315 50	\$ 44,251 93n	\$ 4,449 68	\$ 146,481 16
Belmont . . .	64,646 15	10,877 00	34,745 27n	4,059 79	114,328 21
Boston . . .	2,974,083 69	286,762 51	77,047 33n	126,240 56	3,464,134 09
Braintree . . .	—	—	231,711 95s	—	231,711 95
Brookline . . .	—	6,039 49	13,027 97s	2,147 78	21,215 24
Cambridge . . .	196,342 38	27,186 66	54,819 35s	11,415 95	289,764 34
Canton . . .	—	39,180 31	128,561 34n	37,365 04	205,106 69
Chelsea . . .	—	2,109 10	4,655 42s	701 61	7,466 13
Cohasset . . .	105,796 42	11,643 97	40,239 20n	3,433 37	161,112 96
Dedham . . .	—	188 77	—	—	188 77
Dover . . .	—	5,704 60	12,317 87s	2,025 92	20,048 39
Everett . . .	—	990 31	—	447 97	1,438 28
Hingham . . .	189,928 73	16,670 60	54,609 48n	5,812 71	267,021 52
Hull . . .	—	3,422 18	—	1,310 16	4,732 34
Lexington . . .	—	2,573 77	—	1,266 73	3,840 50
Lynn . . .	32,337 50	—	16,459 43n	—	48,796 93
Malden . . .	—	32,087 61	—	10,598 93	42,686 54
Medford . . .	135,826 16	17,852 69	60,404 84n	5,647 42	219,731 11
Melrose . . .	129,806 75	19,744 36	66,543 07n	6,323 96	222,418 14
Milton . . .	56,492 07	8,890 69	29,230 56n	3,072 02	97,685 34
Nahant . . .	49,044 73	8,168 96	17,077 33s	3,156 40	77,447 42
Needham . . .	8,735 84	1,053 01	—	448 96	10,237 81
Newton . . .	—	5,325 59	11,200 79s	2,039 82	18,566 20
Norwood . . .	22,279 51	32,469 38	67,138 80s	12,873 78	134,761 47
Quincy . . .	—	—	12,578 96s	—	12,578 96
Reading . . .	204,174 34	27,991 57	60,402 12s	9,960 85	302,528 88
Revere . . .	—	—	12,886 18n	—	12,886 18
Saugus . . .	73,660 85	9,954 64	34,196 71n	2,998 55	120,810 75
Somerville . . .	—	4,141 01	—	1,209 89	5,350 90
Stoneham . . .	277,695 76	28,670 92	99,256 16n	8,410 94	414,033 78
Stoughton . . .	23,005 49	3,537 68	11,772 10n	1,172 42	39,487 69
Swampscot . . .	—	—	5,558 50s	—	5,558 50
Wakefield . . .	33,933 70	4,836 17	—	1,891 65	40,661 52
Walpole . . .	—	5,168 32	17,347 08n	1,676 48	24,191 88
Waltham . . .	—	—	7,115 93s	—	7,115 93
Watertown . . .	—	12,991 28	29,946 61s	4,269 75	47,207 64
Wellesley . . .	100,469 34	12,197 85	26,703 00s	4,165 76	143,535 95
Weston . . .	—	8,227 97	16,593 85s	3,450 74	28,272 56
Westwood . . .	—	2,026 96	—	859 96	2,886 92
Weymouth . . .	—	1,506 39	—	587 45	2,093 84
Winchester . . .	—	10,396 50	21,746 67s	4,012 88	36,156 05
Winthrop . . .	—	6,781 25	21,233 71n	2,653 08	30,668 04
Woburn . . .	45,111 92	5,610 54	18,649 83n	1,881 48	71,253 77
	—	5,649 23	19,458 80n	1,685 17	26,793 20
	\$4,807,835 38 <sup>1</sup>	\$701,945 34	\$1,379,488 14	\$295,725 61 <sup>2</sup>	\$7,184,994 47

n—North System

s—South System

<sup>1</sup> Does not include standby charges: Cambridge, \$27,648.98; Waltham \$8,684.57 (Chap. 543, Acts 1943). Nor charges for investigation of water supply: Cambridge, \$1,235.22; Newton, \$173.31.

<sup>2</sup> Includes special assessments shown at the bottom of page 23.

# STATEMENT I

## METROPOLITAN WATER DISTRICT

*Total Water Debt, April 1, 1944*

Under Metropolitan District Commission:

Gross Water Debt April 1, 1944:

Bonds outstanding (Sinking Fund) . . . \$2,898,000 00

Bonds outstanding (Serial) . . . 1,610,000 00

\$ 4,508,000 00

a decrease for the year of \$2,111,000 00

Sinking Fund April 1, 1944 . . . 2,982,914 27

a decrease for the year of \$1,660,330 66

Net debt April 1, 1944 . . . \$ 1,525,085 73

a decrease for the year of \$450,669 34

Under Metropolitan District Water Supply Commission:

Gross (and net) Debt April 1, 1944 . . . 42,352,000 00

a decrease for the year of \$1,489,000 00

Total Net Water Debt . . . \$43,877,085 73

a decrease for the year of \$1,939,669 34

*Total Water Assessment for 1944*

Serial Bonds:

Under Metropolitan District Commission . . . \$ 111,000 00

Under Metropolitan District Water Supply

Commission . . . 1,689,000 00

\$ 1,800,000 00

Interest:

Under Metropolitan District Commission:

Six months on \$4,898,000 \$ 85,217 50

Six months on 2,898,000 50,217 50

Six months on 1,721,000 34,283 75

Six months on 1,610,000 32,081 25

Interest on advances and

temporary loans, esti-

mated, 1944 . . . 12,000 00

\$ 213,800 00

Less adjustment of interest

charges in 1943 . . . 10,829 32

\$ 202,970 68

Under Metropolitan District Water Supply

Commission:

Six months on \$43,124,000 \$ 578,416 25

Six months on 42,352,000 565,288 75

Interest on advances and

temporary loans, esti-

mated, 1944 . . . 25,000 00

\$1,168,705 00

Less adjustment of interest

charges in 1943 . . . 22,976 50

1,145,728 50

Total Interest . . . \$ 1,348,699 18

Maintenance as appropriated by Legislature . . . \$1,829,848 00

Less balance on hand . . . 313,324 62 1,516,523 38

Metropolitan Water Assessment . . . \$ 4,665,222 56

Credit to Brookline for water furnished . . . 142,612 82

Total Metropolitan Water Assessment . . . \$ 4,807,835 38

METROPOLITAN WATER LOAN  
*Sinking Fund*

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1943
\$2,000,000	Jan. 1944	\$2,000,000 00
650,000	Jan. 1945	650,000 00
1,350,000	Jan. 1946	1,350,000 00
398,000	Jan. 1949	398,000 00
500,000	Jan. 1950	500,000 00
Surplus		5,372 20
<b>\$4,898,000</b>		<b>\$4,903,372 20</b>

COMPUTATIONS FOR DETERMINING THE ASSESSMENT FOR 1944

(See Section 26 of Chapter 92, General Laws)

(The proportion to be paid by each city and town is based as follows: One third in proportion to their valuations and the remaining two-thirds in proportion to their consumption in the preceding year. The last column shows the total ratio to be paid by each city and town of the whole assessment. To find each city's and town's assessment, multiply the total assessment by the average ratio.)

CITIES AND TOWNS	Valuation (for State Tax) (Chap. 294, Acts of 1943)	Average Daily Consumption (Gallons) 1943	RATIOS OF TOTALS		Average Ratios Double Weight to Consumption
			Valuation	Consumption	
Arlington . . .	\$ 60,335,449	2,335,000	.024025	.014340	.017568
Belmont . . .	55,049,420	1,499,600	.021920	.009209	.013446
Boston . . .	1,389,431,556	106,046,300	.553248	.651262	.618591
Brookline . . .	154,794,783	4,956,400	.061637	.030439	.040838
Chelsea . . .	46,553,557	3,865,600	.018537	.023740	.022005
Everett . . .	78,817,491	7,093,700	.031384	.043564	.039504
Lexington . . .	25,329,895	821,900	.010086	.005047	.006726
Malden . . .	76,576,832	4,417,600	.030492	.027130	.028251
Medford . . .	85,750,742	3,814,600	.034144	.023427	.026999
Melrose . . .	41,656,140	1,519,400	.016587	.009331	.011750
Milton . . .	42,797,675	1,104,100	.017041	.006781	.010201
Nahant . . .	6,088,433	246,300	.002424	.001513	.001817
Newton <sup>1</sup> . . .	34,912,083	—	.013902	—	.004634
Quincy . . .	135,062,673	5,994,000	.053780	.036811	.042467
Revere . . .	40,658,081	2,424,100	.016189	.014887	.015321
Somerville . . .	114,046,295	10,410,300	.045411	.063933	.057759
Stoneham . . .	15,896,158	653,300	.006329	.004012	.004785
Swampscott . . .	25,650,238	892,300	.010213	.005480	.007053
Watertown . . .	56,487,036	3,272,800	.022492	.020099	.020897
Winthrop . . .	25,513,108	1,464,700	.010159	.008995	.009383
	<b>\$2,511,407,645</b>	<b>162,832,000</b>	<b>1.000000</b>	<b>1.000000</b>	<b>1.000000</b>

<sup>1</sup> In accordance with the provisions of the act above referred to, but one-fifth of the total valuation and no consumption has been taken, for at present this city has a sufficient supply, and has not made application for water.

## METROPOLITAN WATER LOAN

## Division of Assessment for 1944

CITIES AND TOWNS	Serial Bonds	Serial Bonds Additional Water Loan	Interest	Interest Additional Water Loan	Maintenance	Credit to Brookline for Water furnished	Totals
Arlington	\$ 1,950 05	\$ 29,672 35	\$ 3,565 79	\$ 20,128 16	\$ 26,642 28	\$ 2,505 42	\$ 84,404 05
Belmont	1,492 51	22,710 29	2,729 14	15,405 47	20,391 17	1,917 57	64,646 15
Boston	68,663 60	1,044,800 20	125,555 84	708,737 34	938,107 71	88,219 00	2,974,083 69
Brookline	4,533 02	68,975 38	8,288 92	46,789 26	61,631 78	5,824 02	196,342 38
Chelsea	2,442 55	37,166 45	4,466 37	25,211 75	33,371 10	3,138 20	105,796 42
Everett	4,384 94	66,722 26	8,018 15	45,260 86	59,908 74	5,633 78	189,928 73
Lexington	746 59	11,360 21	1,365 18	7,706 17	10,200 14	959 21	32,337 50
Malden	3,135 86	47,715 94	5,734 12	32,367 98	42,843 30	4,028 96	135,826 16
Medford	2,996 89	45,601 31	5,480 01	30,333 52	40,944 62	3,850 40	129,806 75
Melrose	1,304 25	19,845 75	2,384 91	13,462 31	17,819 15	1,675 70	56,492 07
Milton	1,132 31	17,229 49	2,070 50	11,687 58	15,470 06	1,454 79	49,044 73
Nahant	201 69	3,068 91	368 80	2,081 79	2,755 52	259 13	8,735 84
Newton	514 37	7,826 83	940 57	5,309 30	7,027 57	660 87	22,279 51
Quincy	4,713 84	71,726 76	8,619 56	48,655 65	64,402 19	6,056 34	204,174 34
Revere	1,700 63	25,877 17	3,109 71	17,553 71	23,234 66	2,184 97	73,660 85
Stonerville	6,411 25	97,554 95	11,723 38	66,176 13	87,592 87	8,237 18	277,695 76
Stonham	531 13	8,081 87	971 21	5,482 31	7,256 57	682 40	23,005 49
Swampscott	783 44	11,920 96	1,432 57	8,086 55	10,703 62	1,006 56	33,933 70
Watertown	2,319 57	35,295 03	4,241 48	23,942 29	31,690 79	2,980 18	100,469 34
Winthrop	1,041 51	15,847 89	1,904 47	10,750 37	14,229 54	1,338 14	45,111 92
	\$111,000 00	\$1,689,000 00	\$202,970 68	\$1,145,728 50	\$1,516,523 38	\$142,612 82	\$4,807,835 38

Less credit to Brookline for water furnished

Net assessment

Does not include standby charges under Chapter 543, Acts of 1943: Cambridge \$27,648.98; Waltham \$8,684.57. Nor charges for investigation of water supply: Cambridge \$1,235.22; Newton \$173.31.

142,612 82  
\$4,665,222 56

*Comparison of Assessments, 1943 and 1944, with Revenue from Water  
Rates in 1943*

CITIES AND TOWNS	Water Assessments		Water Revenue Received by Cities and Towns, 1943
	1943	1944	
Arlington . . . . .	\$ 85,585 58	\$ 84,464 05	\$ 186,664 54 <sup>1</sup>
Belmont . . . . .	66,690 63	64,646 15	138,878 22 <sup>2</sup>
Boston . . . . .	3,079,008 81	2,974,083 69	5,309,588 30 <sup>1</sup>
Brookline . . . . .	198,764 21	196,342 38	399,043 79 <sup>3</sup>
Chelsea . . . . .	108,687 56	105,796 42	164,757 86 <sup>3</sup>
Everett . . . . .	178,982 81	189,928 73	309,274 21 <sup>2</sup>
Lexington . . . . .	30,316 15	32,337 50	81,091 88 <sup>3</sup>
Malden . . . . .	136,476 55	135,826 16	214,589 85 <sup>1</sup>
Medford . . . . .	130,682 67	129,806 75	238,844 20 <sup>3</sup>
Melrose . . . . .	56,694 63	56,492 07	116,421 43 <sup>4</sup>
Milton . . . . .	47,629 17	49,044 73	150,258 40 <sup>5</sup>
Nahant . . . . .	8,556 10	8,735 84	19,328 73 <sup>1</sup>
Newton . . . . .	21,559 23	22,279 51	—
Quincy . . . . .	201,026 90	204,174 34	498,646 33 <sup>1</sup>
Revere . . . . .	70,824 20	73,660 85	127,390 10 <sup>1</sup>
Somerville . . . . .	272,091 10	277,695 76	487,500 61 <sup>1</sup>
Stoneham . . . . .	23,234 21	23,005 49	54,633 61 <sup>1</sup>
Swampscott . . . . .	33,249 81	33,933 70	60,496 57 <sup>6</sup>
Watertown . . . . .	103,241 42	100,469 34	284,210 28 <sup>3</sup>
Winthrop . . . . .	44,298 79	45,111 92	75,903 30 <sup>4</sup>
	<u>\$4,897,600 53</u>	<u>\$4,807,835 38</u>	<u>\$8,917,522 21</u>

<sup>1</sup> No money received from hydrant rentals, street watering or municipal departments.

<sup>2</sup> No money received from hydrant rentals or street watering.

<sup>3</sup> No money received from municipal departments.

<sup>4</sup> No money received from street watering.

<sup>5</sup> No money received from street watering or municipal departments.

<sup>6</sup> Not taking regular supply from district.

*Net Water Debt of the Cities of the Original Metropolitan Water District*

CITIES	Jan. 1, 1943	Jan. 1, 1944	Decrease
Boston . . . . .	\$ 459,000	\$ 418,000	\$ 41,000
Chelsea . . . . .	—	—	—
Everett . . . . .	92,000	77,000	15,000
Malden . . . . .	105,000	70,000	35,000
Medford . . . . .	368,000	351,000	17,000
Melrose . . . . .	—	—	—
Somerville . . . . .	239,000	212,000	27,000
	<u>\$1,263,000</u>	<u>\$1,128,000</u>	<u>\$135,000</u>

STATEMENT II

METROPOLITAN PARKS DISTRICT

Gross Parks Debt April 1, 1944:

Bonds outstanding (Sinking Fund) . . . . . \$1,040,000 00

Bonds outstanding (Serial) . . . . . 19,000 00

\$1,059,000 00

a decrease for the year of \$642,000 00

Sinking Fund April 1, 1944 . . . . . 980,347 05

a decrease for the year of \$582,794 80

Net Parks Debt April 1, 1944 . . . . . \$ 78,652 95

a decrease for the year of \$59,205 20



## STATEMENT II (Continued)

## BOULEVARDS

Gross Parks, Series Two (Boulevards) Debt April 1, 1944:	
Bonds outstanding (Sinking Fund) (one-half)	\$ 475,000 00
Bonds outstanding (Serial) (one-half)	160,500 00
	<hr/>
a decrease for the year of \$363,000 00	\$ 635,500 00
Sinking Fund April 1, 1944 (one-half)	445,626 79
	<hr/>
a decrease for the year of \$272,930 53	
Net Parks, Series Two (Boulevards) Debt April 1, 1944	\$ 189,873 21
	<hr/>
a decrease for the year of \$90,069 47	

## METROPOLITAN PARKS LOAN

Total Parks Assessment for 1944 is made up as follows:	
Parks, Serial Bonds	\$ 2,000 00
Parks, Series Two, Serial Bonds	63,000 00
Parks, Interest:	
Six months on \$1,340,000	\$23,362 50
Six months on 1,040,000	18,112 50
Six months on 21,000	400 00
Six months on 19,000	362 50
Interest on advances and tempo-	
rary loans, estimated, 1944	1,000 00
	<hr/>
Less adjustment of interest charges in 1943	\$ 43,237 50
	461 17
	<hr/>
	\$ 42,776 33
Parks, Series Two, Interest:	
Six months on \$625,000	\$10,906 25
Six months on 475,000	8,281 25
Six months on 223,500	4,482 50
Six months on 160,500	3,216 25
Interest on advances and tempo-	
rary loans, estimated, 1944	500 00
	<hr/>
Less adjustment of interest charges in 1943	\$ 27,386 25
	147 33
	<hr/>
	\$ 27,238 92
Parks Maintenance as appropriated by Legislature	\$ 713,475 00
Less balance on hand	206,432 64
	<hr/>
	507,042 36
Nantasket Maintenance as appropriated by	
Legislature	\$ 68,567 00
Less balance on hand	8,679 27
	<hr/>
	59,887 73
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Total Parks Assessment	\$ 701,945 34
	<hr/>

## METROPOLITAN PARKS INCLUDING BOULEVARDS AND NANTASKET

*Total Assessments and Grand Total*

CITIES AND TOWNS	Total Serial Bonds	Total Interest	Total Maintenance	Grand Totals
Arlington . . . . .	\$ 1,165 39	\$ 1,255 29	\$ 10,894 82	\$ 13,315 50
Belmont . . . . .	1,063 26	1,145 32	8,668 42	10,877 00
Boston . . . . .	26,837 07	28,907 75	231,017 69	286,762 51
Braintree . . . . .	562 51	605 91	4,871 07	6,039 49
Brookline . . . . .	2,989 87	3,220 56	20,976 23	27,186 66
Cambridge . . . . .	3,560 31	3,835 02	31,784 98	39,180 31
Canton . . . . .	183 75	197 94	1,727 41	2,109 10
Chelsea . . . . .	899 21	968 60	9,776 16	11,643 97
Cohasset . . . . .	—	—	188 77	188 77
Dedham . . . . .	530 59	571 54	4,602 47	5,704 60
Dover . . . . .	117 33	126 36	746 62	990 31
Everett . . . . .	1,522 36	1,639 84	13,508 40	16,670 60
Hingham . . . . .	343 14	369 59	2,709 45	3,422 18
Hull . . . . .	331 76	357 36	1,884 65	2,573 77
Lynn . . . . .	2,775 89	2,990 07	26,321 65	32,087 61
Malden . . . . .	1,479 08	1,593 20	14,780 41	17,852 69
Medford . . . . .	1,656 26	1,784 07	16,304 03	19,744 36
Melrose . . . . .	804 57	866 65	7,219 47	8,890 69
Milton . . . . .	826 67	890 47	6,451 82	8,168 96
Nahant . . . . .	117 59	126 65	808 77	1,053 01
Needham . . . . .	534 24	575 45	4,215 90	5,325 59
Newton . . . . .	3,371 68	3,631 83	25,465 87	32,469 38
Quincy . . . . .	2,608 77	2,810 07	22,572 73	27,991 57
Revere . . . . .	785 33	845 93	8,323 38	9,954 64
Saugus . . . . .	316 87	341 32	3,482 82	4,141 01
Somerville . . . . .	2,202 85	2,372 82	24,095 25	28,670 92
Stoneham . . . . .	307 06	330 75	2,899 87	3,537 68
Swampscott . . . . .	495 43	533 65	3,807 09	4,836 17
Wakefield . . . . .	439 08	472 95	4,256 29	5,168 32
Waltham . . . . .	1,118 26	1,204 54	10,668 48	12,991 28
Watertown . . . . .	1,091 03	1,175 20	9,931 62	12,197 85
Wellesley . . . . .	903 76	973 49	6,350 72	8,227 97
Weston . . . . .	225 23	242 60	1,559 13	2,026 96
Westwood . . . . .	153 85	165 74	1,186 80	1,506 39
Weymouth . . . . .	1,050 99	1,132 07	8,213 44	10,396 50
Winchester . . . . .	694 85	748 46	5,337 94	6,781 25
Winthrop . . . . .	492 76	530 79	4,586 99	5,610 54
Woburn . . . . .	441 35	475 40	4,732 48	5,649 23
	\$65,000 00	\$70,015 25	\$566,930 09	\$701,945 34

## METROPOLITAN PARKS AND BOULEVARDS AND CHARLES RIVER BASIN

*Proportion of Assessment Requirements as determined by  
Metropolitan District Commission*

CITIES AND TOWNS	Valuation (Chap. 294, Acts of 1943)	Valuation Per Cent (Note 1)	Population U.S. Census 1940	Popu- lation Per Cent	Average Per Cent (Note 2)	Valuation Per Cent (Note 3)
Arlington . . . . .	\$ 60,335,449	.017929	40,013	.020823	.019376	.017873
Belmont . . . . .	55,049,420	.016358	26,867	.013982	.015170	.016307
Boston . . . . .	1,389,431,556	.412878	770,816	.401133	.407006	.411577
Braintree . . . . .	29,121,683	.008654	16,378	.008523	.008588	.008626
Brookline . . . . .	154,794,783	.045998	49,786	.025909	.035954	.045853
Cambridge . . . . .	184,326,566	.054774	110,879	.057702	.056238	.054601
Canton . . . . .	9,513,406	.002827	6,381	.003321	.003074	.002818
Chelsea . . . . .	46,553,557	.013834	41,259	.021471	.017652	.013790
Dedham . . . . .	27,470,224	.008163	15,508	.008070	.008116	.008137
Dover . . . . .	6,072,676	.001805	1,374	.000715	.001260	.001799
Everett . . . . .	78,817,491	.023421	46,784	.024346	.023884	.023347
Hingham . . . . .	17,766,188	.005279	8,003	.004165	.004722	.005263
Hull . . . . .	17,175,545	.005104	2,167	.001128	.003116	.005088
Lynn . . . . .	143,715,272	.042706	98,123	.051063	.046884	.042571
Malden . . . . .	76,576,832	.022755	58,010	.030188	.026471	.022684
Medford . . . . .	85,750,742	.025481	63,083	.032828	.029155	.025401
Melrose . . . . .	41,656,140	.012378	25,333	.013183	.012781	.012339
Milton . . . . .	42,797,675	.012718	18,708	.009736	.011227	.012678
Nahant . . . . .	6,088,433	.001809	1,835	.000955	.001382	.001804
Needham . . . . .	27,657,831	.008219	12,445	.006476	.007347	.008193
Newton . . . . .	174,560,417	.051872	69,873	.036362	.044117	.051708
Quincy . . . . .	135,062,673	.040135	75,810	.039452	.039793	.040008
Revere . . . . .	40,658,081	.012082	31,405	.017904	.014993	.012044
Saugus . . . . .	16,404,206	.004875	14,825	.007715	.006295	.004859
Somerville . . . . .	114,046,295	.033890	102,177	.053173	.043531	.033783
Stoneham . . . . .	15,896,158	.004724	10,765	.005602	.005163	.004709
Swampscott . . . . .	25,650,238	.007622	10,761	.005600	.006611	.007598
Wakefield . . . . .	22,733,751	.006755	16,223	.008443	.007599	.006734
Waltham . . . . .	57,897,104	.017204	40,020	.020826	.019015	.017150
Watertown . . . . .	56,487,036	.016785	35,427	.018436	.017611	.016733
Wellesley . . . . .	46,789,158	.013904	15,127	.007872	.010888	.013860
Weston . . . . .	11,660,508	.003465	3,590	.001868	.002667	.003454
Westwood . . . . .	7,965,223	.002367	3,376	.001757	.002062	.002359
Weymouth . . . . .	54,413,987	.016169	23,868	.012421	.014295	.016118
Winchester . . . . .	35,974,250	.010690	15,081	.007848	.009269	.010656
Winthrop . . . . .	25,513,108	.007581	16,768	.008726	.008154	.007557
Woburn . . . . .	22,849,849	.006790	19,751	.010278	.008534	.006769
	\$3,365,233,511	1.000000	1,921,599	1.000000	1.000000	.996348
Cohasset . . . . .	10,639,718	—	—	—	—	.003152
	\$3,375,873,229					1.000000

NOTE 1.—Sinking Fund, Serial Bonds and Interest and Charles River Basin Maintenance.

NOTE 2.—Parks Maintenance, except Nantasket.

NOTE 3.—Nantasket Maintenance.

## METROPOLITAN PARKS LOAN

*Sinking Fund*

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1943	Amount of Dec. 1, 1943 Sinking Fund at Maturity of Loan*	Balance to be Provided for	Sinking Fund Requirements for 1944
\$ 300,000	Jan. 1944	\$ 300,000 00	\$ 300,000 00	—	—
370,000	Jan. 1945	362,202 19	374,990 19	—	—
300,000	Jan. 1946	281,548 11	301,779 88	—	—
300,000	Jan. 1947	268,460 83	297,911 61	—	—
70,000	Jan. 1949	56,987 25	67,783 16	—	—
<b>\$1,340,000</b>		<b>\$1,269,198 38</b>	<b>\$1,342,464 84</b>	<b>—</b>	<b>—</b>

## METROPOLITAN PARKS LOAN—SERIES TWO

*Sinking Fund*

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1943	Amount of Dec. 1, 1943 Sinking Fund at Maturity of Loan*	Balance to be Provided for	Sinking Fund Requirements for 1944
\$150,000	Jan. 1944	\$150,000 00	\$150,000 00	—	—
150,000	Jan. 1945	146,608 23	151,784 41	—	—
150,000	Jan. 1946	139,915 61	149,969 81	—	—
150,000	Jan. 1947	133,825 71	148,506 70	—	—
25,000	Jan. 1949	20,188 29	24,012 85	—	—
<b>\$625,000</b>		<b>\$590,537 84</b>	<b>\$624,273 77</b>	<b>—</b>	<b>—</b>

\* Accumulations reckoned at 3½%.



## METROPOLITAN PARKS LOANS

*Serial Bond Requirements*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$ 35 86	\$ 1,129 53	\$ 1,165 39
Belmont . . . . .	32 71	1,030 55	1,063 26
Boston . . . . .	825 76	26,011 31	26,837 07
Braintree . . . . .	17 31	545 20	562 51
Brookline . . . . .	92 00	2,897 87	2,989 87
Cambridge . . . . .	109 55	3,450 76	3,560 31
Canton . . . . .	5 65	178 10	183 75
Chelsea . . . . .	27 67	871 54	899 21
Dedham . . . . .	16 32	514 27	530 59
Dover . . . . .	3 61	113 72	117 33
Everett . . . . .	46 84	1,475 52	1,522 36
Hingham . . . . .	10 56	332 58	343 14
Hull . . . . .	10 21	321 55	331 76
Lynn . . . . .	85 41	2,690 48	2,775 89
Malden . . . . .	45 51	1,433 57	1,479 08
Medford . . . . .	50 96	1,605 30	1,656 26
Melrose . . . . .	24 76	779 81	804 57
Milton . . . . .	25 44	801 23	826 67
Nahant . . . . .	3 62	113 97	117 59
Needham . . . . .	16 44	517 80	534 24
Newton . . . . .	103 74	3,267 94	3,371 68
Quincy . . . . .	80 27	2,528 50	2,608 77
Revere . . . . .	24 16	761 17	785 33
Saugus . . . . .	9 75	307 12	316 87
Somerville . . . . .	67 78	2,135 07	2,202 85
Stoneham . . . . .	9 45	297 61	307 06
Swampscott . . . . .	15 24	480 19	495 43
Wakefield . . . . .	13 51	425 57	439 08
Waltham . . . . .	34 41	1,083 85	1,118 26
Watertown . . . . .	33 57	1,057 46	1,091 03
Wellesley . . . . .	27 81	875 95	903 76
Weston . . . . .	6 93	218 30	225 23
Westwood . . . . .	4 73	149 12	153 85
Weymouth . . . . .	32 34	1,018 65	1,050 99
Winchester . . . . .	21 38	673 47	694 85
Winthrop . . . . .	15 16	477 60	492 76
Woburn . . . . .	13 58	427 77	441 35
	\$2,000 00	\$63,000 00	\$65,000 00

## METROPOLITAN PARKS LOAN INCLUDING BOULEVARDS

*Interest Requirements*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$ 766 93	\$ 488 36	\$ 1,255 29
Belmont . . . . .	699 74	445 58	1,145 32
Boston . . . . .	17,661 40	11,246 35	28,907 75
Braintree . . . . .	370 18	235 73	605 91
Brookline . . . . .	1,967 62	1,252 94	3,220 56
Cambridge . . . . .	2,343 03	1,491 99	3,835 02
Canton . . . . .	120 93	77 01	197 94
Chelsea . . . . .	591 77	376 83	968 60
Dedham . . . . .	349 19	222 35	571 54
Dover . . . . .	77 20	49 16	126 36
Everett . . . . .	1,001 87	637 97	1,639 84
Hingham . . . . .	225 80	143 79	369 59
Hull . . . . .	218 33	139 03	357 36
Lynn . . . . .	1,826 81	1,163 26	2,990 07
Malden . . . . .	973 38	619 82	1,593 20
Medford . . . . .	1,089 99	694 08	1,784 07
Melrose . . . . .	529 48	337 17	866 65
Milton . . . . .	544 04	346 43	890 47
Nahant . . . . .	77 38	49 27	126 65
Needham . . . . .	351 58	223 87	575 45
Newton . . . . .	2,218 90	1,412 93	3,631 83
Quincy . . . . .	1,716 83	1,093 24	2,810 07
Revere . . . . .	516 83	329 10	845 93
Saugus . . . . .	208 53	132 79	341 32
Somerville . . . . .	1,449 69	923 13	2,372 82
Stoneham . . . . .	202 07	128 68	330 75
Swampscott . . . . .	326 04	207 61	533 65
Wakefield . . . . .	288 96	183 99	472 95
Waltham . . . . .	735 92	468 62	1,204 54
Watertown . . . . .	718 00	457 20	1,175 20
Wellesley . . . . .	594 76	378 73	973 49
Weston . . . . .	148 22	94 38	242 60
Westwood . . . . .	101 26	64 48	165 74
Weymouth . . . . .	691 65	440 42	1,132 07
Winchester . . . . .	457 28	291 18	748 46
Winthrop . . . . .	324 29	206 50	530 79
Woburn . . . . .	290 45	184 95	475 40
	\$42,776 33	\$27,238 92	\$70,015 25

## METROPOLITAN PARKS LOAN INCLUDING NANTASKET

*Maintenance Requirements*

CITIES AND TOWNS	Parks	Nantasket	Total
Arlington . . . . .	\$ 9,824 45	\$ 1,070 37	\$ 10,894 82
Belmont . . . . .	7,691 83	976 59	8,668 42
Boston . . . . .	206,369 28	24,648 41	231,017 69
Braintree . . . . .	4,354 48	516 59	4,871 07
Brookline . . . . .	18,230 20	2,746 03	20,976 23
Cambridge . . . . .	28,515 05	3,269 93	31,784 98
Canton . . . . .	1,558 65	168 76	1,727 41
Chelsea . . . . .	8,950 31	825 85	9,776 16
Cohasset . . . . .	—	188 77	188 77
Dedham . . . . .	4,115 16	487 31	4,602 47
Dover . . . . .	638 88	107 74	746 62
Everett . . . . .	12,110 20	1,398 20	13,508 40
Hingham . . . . .	2,394 26	315 19	2,709 45
Hull . . . . .	1,579 94	304 71	1,884 65
Lynn . . . . .	23,772 17	2,549 48	26,321 65
Malden . . . . .	13,421 92	1,358 49	14,780 41
Medford . . . . .	14,782 82	1,521 21	16,304 03
Melrose . . . . .	6,480 51	738 96	7,219 47
Milton . . . . .	5,692 56	759 26	6,451 82
Nahant . . . . .	700 73	108 04	808 77
Needham . . . . .	3,725 24	490 66	4,215 90
Newton . . . . .	22,369 19	3,096 68	25,465 87
Quincy . . . . .	20,176 74	2,395 99	22,572 73
Revere . . . . .	7,602 09	721 29	8,323 38
Saugus . . . . .	3,191 83	290 99	3,482 82
Somerville . . . . .	22,072 06	2,023 19	24,095 25
Stoneham . . . . .	2,617 86	282 01	2,899 87
Swampscott . . . . .	3,352 06	455 03	3,807 09
Wakefield . . . . .	3,853 01	403 28	4,256 29
Waltham . . . . .	9,641 41	1,027 07	10,668 48
Watertown . . . . .	8,929 52	1,002 10	9,931 62
Wellesley . . . . .	5,520 68	830 04	6,350 72
Weston . . . . .	1,352 28	206 85	1,559 13
Westwood . . . . .	1,045 52	141 28	1,186 80
Weymouth . . . . .	7,248 17	965 27	8,213 44
Winchester . . . . .	4,699 78	638 16	5,337 94
Winthrop . . . . .	4,134 42	452 57	4,586 99
Woburn . . . . .	4,327 10	405 38	4,732 48
	<u>\$507,042 36</u>	<u>\$59,887 73</u>	<u>\$566,930 09</u>

## STATEMENT III

## METROPOLITAN SEWERAGE

*Debt, North System*

Gross Sewerage, North System, Debt April 1, 1944:

Bonds outstanding (Sinking Fund)	\$ 413,000 00
Bonds outstanding (Serial)	3,497,000 00

\$3,910,000 00

a decrease for the year of \$552,000 00

Sinking Fund April 1, 1944

320,859 56

a decrease for the year of \$274,494 29

Net Sewerage, North System, Debt April 1, 1944

\$3,589,140 44

a decrease for the year of \$277,505 71

## STATEMENT III (Continued)

*Assessment, North System*

Sinking Fund			\$ 12,127 04
Serial Bonds			260,000 00
Interest:			
One year on	\$1,742,000	\$47,450 00	
Six months on	2,300,000	17,250 00	
Six months on	2,155,000	16,162 50	
Six months on	13,000	173 34	
Interest on advances and tempo-			
rary loans, estimated, 1944		1,500 00	
			\$ 82,535 84
Less adjustment of interest charges in 1943			329 09
			\$ 82,206 75
Maintenance as appropriated by Legislature		\$ 511,441 00	
Less balance on hand		78,881 77	
			432,559 23
Total North Metropolitan Sewerage Assessment			\$ 786,893 02

## METROPOLITAN SEWERAGE DISTRICT

*Debt, South System*

Gross Sewerage, South System, Debt April 1, 1944:			
Bonds outstanding (Sinking Fund)		\$1,567,000 00	
Bonds outstanding (Serial)		1,505,000 00	
			\$3,072,000 00
a decrease for the year of \$182,000 00			
Sinking Fund, April 1, 1944			1,777,608 02
a decrease for the year of \$67,213 17			
Net Sewerage, South System, Debt April 1, 1944			\$1,294,391 98
a decrease for the year of \$249,213 17			

*Assessment, South System*

Serial Bonds			\$ 182,000 00
Interest:			
One year on	\$2,680,000	\$97,032 50	
Ten months on	392,000	11,433 33	
Interest on advances and tempo-			
rary loans, estimated, 1944		1,500 00	
			\$ 109,965 83
Less adjustment of interest charges in 1943			737 59
			109,228 24
Maintenance as appropriated by Legislature		\$ 364,897 00	
Less balance on hand		63,530 12	
			301,366 88
Total South Metropolitan Sewerage Assessment			\$ 592,595 12



## METROPOLITAN SEWERAGE LOAN—NORTH SYSTEM

*Assessment*

CITIES AND TOWNS	Sinking Fund	Serial Bonds	Interest	Maintenance	Total
Arlington . . . . .	\$ 710 64	\$ 15,236 00	\$ 4,817 32	\$ 23,487 97	\$ 44,251 93
Belmont . . . . .	648 80	13,910 00	4,398 06	15,788 41	34,745 27
Boston:					
Charlestown and East Boston	924 08	19,812 00	6,264 15	50,047 10	77,047 33
Cambridge . . . . .	2,171 95	46,566 00	14,723 23	65,100 16	128,561 34
Chelsea . . . . .	548 14	11,752 00	3,715 74	24,223 32	40,239 20
Everett . . . . .	928 93	19,916 00	6,297 04	27,467 51	54,609 48
Lexington . . . . .	298 33	6,396 00	2,022 29	7,742 81	16,459 43
Malden . . . . .	902 25	19,344 00	6,116 18	34,042 41	60,404 84
Medford . . . . .	1,010 18	21,658 00	6,847 82	37,027 07	66,543 07
Melrose . . . . .	491 15	10,530 00	3,329 37	14,880 04	29,230 56
Reading . . . . .	221 92	4,758 00	1,504 38	6,401 88	12,886 18
Revere . . . . .	479 02	10,270 00	3,247 17	20,200 52	34,196 71
Somerville . . . . .	1,343 68	28,808 00	9,108 51	59,995 97	99,256 16
Stoneham . . . . .	186 76	4,004 00	1,265 98	6,315 36	11,772 10
Wakefield . . . . .	268 01	5,746 00	1,816 77	9,516 30	17,347 08
Winchester . . . . .	423 23	9,074 00	2,869 02	8,867 46	21,233 71
Winthrop . . . . .	300 75	6,448 00	2,038 73	9,862 35	18,649 83
Woburn . . . . .	269 22	5,772 00	1,824 99	11,592 59	19,458 80
	\$12,127 04	\$260,000 00	\$82,206 75	\$432,559 23	\$786,893 02

## METROPOLITAN SEWERAGE LOAN—NORTH SYSTEM

*Sinking Fund*

Bonds Issued and Amounts Already Provided for	Due Dates	Sinking Fund Dec. 1, 1943	Amount of Dec. 1, 1943 Sinking Fund at Maturity of Loan*	Balance	Portion of Balance to be Provided for this Year	Sinking Fund Requirements for 1944
\$300,000	Jan. 1949	\$231,812 26	\$275,727 81	\$268,022 19	\$10,050 83	\$ 8,748 36
( 243,750)	Sunk					
113,000	Jan. 1949	85,165 55	101,299 69	103,512 31	3,881 71	3,378 68
( 91,812)	Sunk					
\$413,000	—	\$316,977 81	\$377,027 50	\$371,534 50	\$13,932 54	\$12,127 04
(\$335,562)	Sunk					

\* Accumulations reckoned at 3½%.

## METROPOLITAN SEWERAGE LOAN—NORTH SYSTEM

*Amounts provided for and to be provided for*

Bonds Issued	Due Dates	Amount Provided for	Amounts to be Provided for	1944
\$300,000	1949	1/8+1/6+1/3+15/80	15/80	3/80
113,000	1949	1/8+1/6+1/3+15/80	15/80	3/80

## NORTH METROPOLITAN SYSTEM

*Ratios of Contributions on the Basis of Valuation of 1942  
and the Census Returns of 1940  
Assessment made by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation Acts of 1943 Chap. 294	Proportion for Interest, Sinking Fund and Serial Bonds (Per Cent)	Population United States Census, 1940	Proportion for Maintenance and Operation (Per Cent)
Arlington . . . . .	\$ 60,335,449	5.86	40,013	5.43
Belmont . . . . .	55,049,420	5.35	26,867	3.65
Boston:				
Charlestown and East Boston . . . . .	78,390,849	7.62	85,250	11.57
Cambridge . . . . .	184,326,566	17.91	110,879	15.05
Chelsea . . . . .	46,553,557	4.52	41,259	5.60
Everett . . . . .	78,817,491	7.66	46,784	6.35
Lexington . . . . .	25,329,895	2.46	13,187	1.79
Malden . . . . .	76,576,832	7.44	58,010	7.87
Medford . . . . .	85,750,742	8.33	63,083	8.56
Melrose . . . . .	41,656,140	4.05	25,333	3.44
Reading . . . . .	18,824,803	1.83	10,866	1.48
Revere . . . . .	40,658,081	3.95	34,405	4.67
Somerville . . . . .	114,046,295	11.08	102,177	13.87
Stoneham . . . . .	15,896,158	1.54	10,765	1.46
Wakefield . . . . .	22,733,751	2.21	16,223	2.20
Winchester . . . . .	35,974,250	3.49	15,081	2.05
Winthrop . . . . .	25,513,108	2.48	16,768	2.28
Woburn . . . . .	22,849,849	2.22	19,751	2.68
	\$1,029,283,236	100.00	736,701	100.00

## SOUTH METROPOLITAN SYSTEM

*Ratios of Contributions on the Basis of Valuation of 1942  
and the Census Returns of 1940  
Assessment made by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation Acts of 1943 Chap. 294	Proportion for Interest and Serial Bonds (Per Cent)	Population United States Census, 1940	Proportion for Maintenance and Operation (Per Cent)
Boston				
All of Brighton and Hyde Park and Parts of Back Bay, Roxbury, West Roxbury and Dorchester . . . . .	\$ 397,957,517	31.30	361,565	46.64
Braintree . . . . .	29,121,683	2.29	16,378	2.11
Brookline . . . . .	154,794,783	12.18	49,786	6.42
Canton . . . . .	9,513,406	0.75	6,381	0.82
Dedham . . . . .	27,470,224	2.16	15,508	2.00
Milton . . . . .	42,797,675	3.37	18,708	2.41
Needham . . . . .	27,657,831	2.18	12,445	1.61
Newton . . . . .	174,560,417	13.73	69,873	9.01
Norwood . . . . .	28,751,416	2.26	15,385	1.99
Quincy . . . . .	135,062,673	10.62	75,810	9.78
Stoughton . . . . .	9,627,181	0.76	8,632	1.11
Walpole . . . . .	18,486,445	1.45	7,443	0.96
Waltham . . . . .	57,897,104	4.55	42,947	5.54
Watertown . . . . .	56,487,036	4.44	35,427	4.57
Wellesley . . . . .	46,789,158	3.68	15,127	1.95
Weymouth . . . . .	54,413,987	4.28	23,868	3.08
	1,271,388,536	100.00	775,281	100.00

## METROPOLITAN SEWERAGE LOAN—SOUTH SYSTEM

*Assessment*

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Boston:				
All of Brighton and Hyde Park and				
Parts of Back Bay, Roxbury, West				
Roxbury and Dorchester	\$ 56,966 00	\$ 34,188 44	\$140,557 51	\$231,711 95
Braintree . . . . .	4,167 80	2,501 33	6,358 84	13,027 97
Brookline . . . . .	22,167 60	13,304 00	19,347 75	54,819 35
Canton . . . . .	1,365 00	819 21	2,471 21	4,655 42
Dedham . . . . .	3,931 20	2,359 33	6,027 34	12,317 87
Milton . . . . .	6,133 40	3,680 99	7,262 94	17,077 33
Needham . . . . .	3,967 60	2,381 18	4,852 01	11,200 79
Newton . . . . .	24,988 60	14,997 04	27,153 16	67,138 80
Norwood . . . . .	4,113 20	2,468 56	5,997 20	12,578 96
Quincy . . . . .	19,328 40	11,600 04	29,473 68	60,402 12
Stoughton . . . . .	1,383 20	830 13	3,345 17	5,558 50
Walpole . . . . .	2,639 00	1,583 81	2,893 12	7,115 93
Waltham . . . . .	8,281 00	4,969 88	16,695 73	29,946 61
Watertown . . . . .	8,080 80	4,849 73	13,772 47	26,703 00
Wellesley . . . . .	6,697 60	4,019 60	5,876 65	16,593 85
Weymouth . . . . .	7,789 60	4,674 97	9,282 10	21,746 67
	<u>\$182,000 00</u>	<u>\$109,228 24</u>	<u>\$301,366 88</u>	<u>\$592,595 12</u>

## METROPOLITAN SEWERAGE LOAN—SOUTH SYSTEM

*Sinking Fund*

Bonds Issued Already Provided for	Due Dates	Sinking Fund Dec. 1, 1943
\$ 392,000	July 1944	\$ 392,000 00
175,000	Jan. 1946	175,000 00
1,000,000	Jan. 1946	1,000,000 00
Surplus		191,190 98
<u>\$1,567,000</u>		<u>\$1,758,190 98</u>

## METROPOLITAN PARKS AND SEWERAGE LOANS

*Comparison of Assessments 1943 and 1944*

CITIES AND TOWNS	Parks		Sewer	
	1943	1944	1943	1944
Arlington . . . . .	\$ 14,594 74	\$ 13,315 50	\$ 50,327 58	\$ 44,251 93
Belmont . . . . .	11,554 71	10,877 00	38,173 19	34,745 27
Boston . . . . .	326,320 27	286,762 51	362,144 86	308,759 28
Braintree . . . . .	6,351 29	6,039 49	14,495 04	13,027 97
Brookline . . . . .	29,639 63	27,186 66	61,241 84	54,819 35
Cambridge . . . . .	42,411 18	39,180 31	144,392 80	128,561 34
Canton . . . . .	2,252 38	2,109 10	5,269 72	4,655 42
Chelsea . . . . .	12,366 48	11,643 97	45,252 53	40,239 20
Cohasset . . . . .	187 29	188 77	—	—
Dedham . . . . .	6,106 52	5,704 60	13,874 73	12,317 87
Dover . . . . .	1,064 95	990 31	—	—
Everett . . . . .	17,340 20	16,670 60	59,533 04	54,609 48
Hingham . . . . .	3,586 45	3,422 18	—	—
Hull . . . . .	2,768 67	2,573 77	—	—
Lexington . . . . .	—	—	18,264 24	16,459 43
Lynn . . . . .	34,287 13	32,087 61	—	—
Malden . . . . .	18,995 88	17,852 69	67,598 02	60,404 84
Medford . . . . .	21,119 23	19,744 36	74,667 36	66,543 07
Melrose . . . . .	9,393 71	8,890 69	32,247 69	29,230 56
Milton . . . . .	8,731 25	8,168 96	19,005 77	17,077 33
Nahant . . . . .	1,133 55	1,053 01	—	—
Needham . . . . .	5,552 97	5,325 59	12,258 95	11,200 79
Newton . . . . .	34,789 47	32,469 38	74,643 77	67,138 80
Norwood . . . . .	—	—	13,962 10	12,578 96
Quincy . . . . .	30,017 55	27,991 57	68,195 06	60,402 12
Reading . . . . .	—	—	14,211 72	12,886 18
Revere . . . . .	10,472 50	9,954 64	38,125 34	34,196 71
Saugus . . . . .	4,420 06	4,141 01	—	—
Somerville . . . . .	30,004 40	28,670 92	110,499 12	99,256 16
Stoneham . . . . .	3,837 03	3,537 68	13,301 20	11,772 10
Stoughton . . . . .	—	—	6,363 85	5,558 50
Swampscott . . . . .	5,155 45	4,836 17	—	—
Wakefield . . . . .	5,477 57	5,168 32	19,305 51	17,347 08
Walpole . . . . .	—	—	7,767 50	7,115 93
Waltham . . . . .	13,784 63	12,991 28	33,953 23	29,946 61
Watertown . . . . .	13,023 48	12,197 85	30,180 17	26,703 00
Wellesley . . . . .	8,784 12	8,227 97	18,249 68	16,593 85
Weston . . . . .	2,098 74	2,026 96	—	—
Westwood . . . . .	1,562 40	1,506 39	—	—
Weymouth . . . . .	11,010 72	10,396 50	24,066 69	21,746 67
Winchester . . . . .	7,202 83	6,781 25	23,234 88	21,233 71
Winthrop . . . . .	6,005 36	5,610 54	20,854 71	18,649 83
Woburn . . . . .	6,014 99	5,649 23	21,881 33	19,458 80
	\$769,419 78	\$701,945 34	\$1,557,543 22	\$1,379,488 14



## STATEMENT IV

## CHARLES RIVER BASIN LOAN

Gross Charles River Basin Debt April 1, 1944:

Bonds outstanding (Sinking Fund)	\$3,875,000 00	
Bonds outstanding (Serial)	53,000 00	
	<hr/>	\$3,928,000 00

a decrease for the year of \$260,000 00

Sinking Fund April 1, 1944		3,480,074 92
		<hr/>

a decrease for the year of \$102,851 24

Net Charles River Basin Debt April 1, 1944	\$ 447,925 08	
	<hr/>	

a decrease for the year of \$157,148 76

*Total Charles River Basin Assessment—District*

Serial Bonds	\$ 8,000 00	
--------------	-------------	--

Interest:

Six months on \$4,125,000	\$71,125 00	
Six months on 3,875,000	66,750 00	
Six months on 63,000	1,150 00	
Six months on 53,000	970 00	

Interest on advances and temporary loans, estimated, 1944	4,500 00	
	<hr/>	

\$ 144,495 00

Less adjustment of interest charges

in 1943	\$ 4,451 77	
---------	-------------	--

Interest on bridge	40,109 09	
	<hr/>	

44,560 86

99,934 14

Maintenance as appropriated by Legislature	\$ 176,204 00	
--	---------------	--

Less balance on hand	35,954 59	
	<hr/>	

140,249 41

Total Charles River Basin Assessment	\$ 248,183 55	
	<hr/>	

## CHARLES RIVER BRIDGE

Sinking Fund	\$ 7,432 97	
--------------	-------------	--

Interest	40,109 09	
	<hr/>	

\$ 47,542 06

Boston and Cambridge, one-half each—\$23,771 03

## CHARLES RIVER BASIN LOAN

Sinking Fund  
District

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1943	Amount of Dec. 1, 1943, Sinking Fund at Maturity of Loan*	Balance to be Provided for	Sinking Fund Requirements for 1944
\$ 177,272 73	Jan. 1944	\$ 177,272 73	\$ 177,272 73	—	—
283,636 36	Jan. 1945	278,987 08	288,837 07	—	—
425,454 55	Jan. 1946	403,930 37	432,956 41	—	—
815,454 55	Jan. 1947	747,180 77	829,148 25	—	—
283,636 36	Jan. 1948	250,770 80	288,106 00	—	—
602,727 28	Jan. 1949	514,116 41	611,512 92	—	—
336,818 17	Jan. 1950	277,148 55	341,291 61	—	—
<b>\$2,925,000 00</b>		<b>\$2,649,406 71</b>	<b>\$2,969,124 99</b>	<b>—</b>	<b>—</b>

\* Accumulations reckoned at 3½%.

## Boston and Cambridge, Charles River Bridge

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1943	Amount of Dec. 1, 1943, Sinking Fund at Maturity of Loan*	Balance to be Provided for	Sinking Fund Requirements for 1944
\$ 72,727 27	Jan. 1944	\$ 72,727 27	\$ 72,727 27	\$ —	\$ —
116,363 64	Jan. 1945	113,176 89	113,176 89	—	—
174,545 45	Jan. 1946	162,020 66	173,663 30	882 15	433 42
334,545 45	Jan. 1947	295,580 53	328,006 40	6,539 05	2,104 50
116,363 64	Jan. 1948	97,778 10	112,335 47	4,028 17	955 25
247,272 72	Jan. 1949	197,070 38	234,404 27	12,868 45	2,398 25
138,181 83	Jan. 1950	104,005 62	128,076 61	10,105 22	1,541 55
<b>\$1,200,000 00</b>		<b>\$1,042,359 45</b>	<b>\$1,162,390 21</b>	<b>\$34,423 04</b>	<b>\$7,432 97</b>

\* Accumulations reckoned at 3½%.

## Analysis of Charles River Basin Debt, June 30, 1944

	Total	Cambridge, Charles River Bridge	Boston, Charles River Bridge	District
Gross Debt . . . . .	\$3,928,000 00	\$563,636 36	\$563,636 37	\$2,800,727 27
Sinking Fund . . . . .	3,557,646 65	497,652 93	497,652 94	2,562,340 78
<b>Net Debt . . . . .</b>	<b>\$ 370,353 35</b>	<b>\$ 65,983 43</b>	<b>\$ 65,983 43</b>	<b>\$ 238,386 49</b>

## CHARLES RIVER BASIN LOAN

## Assessments

(For table of percentages see page 11)

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington . . . . .	\$ 143 43	\$ 1,791 72	\$ 2,514 53	\$ 4,449 68
Belmont . . . . .	130 87	1,634 72	2,294 20	4,059 79
Boston . . . . .	3,303 03	41,260 59	57,905 91	102,469 53
Braintree . . . . .	69 23	864 83	1,213 72	2,147 78
Brookline . . . . .	367 99	4,596 77	6,451 19	11,415 95
Cambridge . . . . .	438 19	5,473 80	7,682 02	13,594 01
Canton . . . . .	22 61	282 52	396 48	701 61
Chelsea . . . . .	110 67	1,382 49	1,940 21	3,433 37
Dedham . . . . .	65 30	815 76	1,144 86	2,025 92
Dover . . . . .	14 44	180 38	253 15	447 97
Everett . . . . .	187 37	2,340 56	3,284 78	5,812 71
Hingham . . . . .	42 23	527 55	740 38	1,310 16
Hull . . . . .	40 84	510 06	715 83	1,266 73
Lynn . . . . .	341 65	4,267 79	5,989 49	10,598 93
Malden . . . . .	182 04	2,274 00	3,191 38	5,647 42
Medford . . . . .	203 84	2,546 42	3,573 70	6,323 96
Melrose . . . . .	99 03	1,236 98	1,736 01	3,072 02
Milton . . . . .	101 75	1,270 96	1,783 69	3,156 40
Nahant . . . . .	14 47	180 78	253 71	448 96
Needham . . . . .	65 75	821 36	1,152 71	2,039 82
Newton . . . . .	414 98	5,183 78	7,275 02	12,873 78
Quincy . . . . .	321 08	4,010 86	5,628 91	9,960 85
Revere . . . . .	96 65	1,207 41	1,694 49	2,998 55
Saugus . . . . .	39 00	487 18	683 71	1,209 89
Somerville . . . . .	271 12	3,386 77	4,753 05	8,410 94
Stoneham . . . . .	37 79	472 09	662 54	1,172 42
Swampscott . . . . .	60 97	761 70	1,068 98	1,891 65
Wakefield . . . . .	54 04	675 06	947 38	1,676 48
Waltham . . . . .	137 63	1,719 27	2,412 85	4,269 75
Watertown . . . . .	134 28	1,677 39	2,354 09	4,165 76
Wellesley . . . . .	111 23	1,389 48	1,950 03	3,450 74
Weston . . . . .	27 72	346 28	485 96	859 96
Westwood . . . . .	18 94	236 54	331 97	587 45
Weymouth . . . . .	129 35	1,615 84	2,267 69	4,012 88
Winchester . . . . .	85 52	1,068 29	1,499 27	2,653 08
Winthrop . . . . .	60 65	757 60	1,063 23	1,881 48
Woburn . . . . .	54 32	678 56	952 29	1,685 17
	\$8,000 00	\$99,934 14	\$140,249 41	\$248,183 55
Special assessments on Boston and Cambridge included on page 21 . . . . .				47,542 06
				\$295,725 61

## STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Parks	Metropolitan Parks Boulevards	Metropolitan Sewerage North System
Bonds Outstanding (Sinking Fund)	\$1,040,000 00	\$475,000 00	\$ 413,000 00
Bonds Outstanding (Serial)	19,000 00	160,500 00	3,484,000 00
Gross Debt	\$1,059,000 00	\$635,500 00	\$3,897,000 00
Sinking Funds, June 30, 1944	1,002,199 23	455,559 92	328,380 85
Net Debt	\$ 56,800 77	\$179,940 08	\$3,568,619 15
	For Percentages see Page 11	For Percentages see Page 11	For Percentages see Page 18
1 Arlington	\$ 1,018 38	\$ 3,226 14	\$ 209,121 08
2 Belmont	929 15	2,943 46	190,921 12
3 Boston	23,451 79	74,293 30	271,928 78
4 Braintree	491 55	1,557 20	—
5 Brookline	2,612 72	8,276 88	—
6 Cambridge	3,111 21	9,856 04	639,139 69
7 Canton	160 58	508 69	—
8 Chelsea	785 78	2,489 29	161,301 59
9 Dedham	463 66	1,468 85	—
10 Dover	102 53	324 79	—
11 Everett	1,330 33	4,214 38	273,356 23
12 Hingham	299 85	949 90	—
13 Hull	289 91	918 41	—
14 Lexington	—	—	87,788 03
15 Lynn	2,425 73	7,684 52	—
16 Malden	1,292 50	4,094 54	265,505 26
17 Medford	1,447 34	4,585 05	297,265 98
18 Melrose	703 08	2,227 30	144,529 08
19 Milton	722 39	2,288 48	—
20 Nahant	102 75	325 51	—
21 Needham	466 84	1,478 93	—
22 Newton	2,946 37	9,333 85	—
23 Norwood	—	—	—
24 Quincy	2,279 70	7,221 90	—
25 Reading	—	—	65,305 73
26 Revere	686 27	2,174 04	140,960 46
27 Saugus	276 90	877 21	—
28 Somerville	1,924 98	6,098 17	395,403 00
29 Stoneham	268 33	850 04	54,956 73
30 Stoughton	—	—	—
31 Swampscott	432 94	1,371 50	—
32 Wakefield	383 69	1,215 50	78,866 48
33 Walpole	—	—	—
34 Waltham	977 20	3,095 69	—
35 Watertown	953 40	3,020 29	—
36 Wellesley	789 76	2,501 89	—
37 Weston	196 81	623 49	—
38 Westwood	134 45	425 92	—
39 Weymouth	918 41	2,909 45	—
40 Winchester	607 20	1,923 56	124,544 81
41 Winthrop	430 61	1,364 13	88,501 75
42 Woburn	385 68	1,221 79	79,223 35
	\$ 56,800 77	\$179,940 08	\$3,568,619 15

<sup>1</sup> See page 22 for details.<sup>2</sup> District Proportions.



## JUNE 30, 1944 (SECTION 11, CHAPTER 10, GENERAL LAWS)

Metropolitan Sewerage South System	Metropolitan Water	Charles River Basin	Total	
\$1,567,000 00 1,505,000 00	\$ 2,898,000 00 43,962,000 00	\$3,875,000 00 53,000 00		
\$3,072,000 00 1,817,267 65	\$46,860,000 00 3,065,651 45	\$3,928,000 00 3,557,646 65		
\$1,254,732 35	\$43,794,348 55	\$ 370,353 35 <sup>1</sup> 238,386 49 <sup>2</sup>		
For Percentages see Page 18	For Percentages see Page 6	For Percentages see Page 11		
\$ —	\$ 769,379 12	\$ 4,274 03	\$ 987,018 75	Arlington 1
—	588,858 81	3,899 53	787,552 07	Belmont 2
392,731 23	27,090,789 84	164,407 97	28,017,602 91	Boston 3
28,733 37	—	2,063 00	32,845 12	Braintree 4
152,826 40	1,788,473 61	10,965 30	1,963,154 91	Brookline 5
—	—	79,040 81	731,147 75	Cambridge 6
9,410 49	—	673 92	10,753 68	Canter 7
27,102 21	963,694 64	3,297 84	1,131,569 14	Chelsea 8
—	—	1,945 95	30,980 67	Dedham 9
—	—	430 29	857 61	Dover 10
—	1,730,051 95	5,583 25	2,014,536 14	Everett 11
—	—	1,258 44	2,508 19	Hingham 12
—	—	1,216 72	2,425 04	Hull 13
—	294,560 79	—	332,348 82	Lexington 14
—	—	10,180 53	20,290 78	Lynn 15
—	1,237,234 14	5,424 48	1,513,550 92	Malden 16
—	1,182,403 62	6,074 33	1,491,776 32	Medford 17
—	514,583 59	2,950 75	664,993 80	Melrose 18
42,284 48	446,746 15	3,031 80	495,073 30	Milton 19
27,353 16	79,574 33	431 24	80,433 83	Nahant 20
172,274 75	—	1,959 30	31,258 23	Needham 21
28,356 95	202,943 02	12,365 58	399,863 37	Newton 22
133,252 58	1,859,814 60	—	28,356 95	Norwood 23
—	—	9,567 64	2,012,136 42	Quincy 24
—	670,973 22	—	65,305 73	Reading 25
—	—	2,880 19	817,674 18	Revere 26
—	—	1,162 13	2,316 24	Saugus 27
—	2,529,517 78	8,078 92	2,941,022 85	Somerville 28
—	209,555 96	1,126 14	266,757 20	Stonham 29
9,535 97	—	—	9,535 97	Stoughton 30
—	309,100 51	1,816 98	312,721 93	Swampscott 31
18,193 62	—	1,610 30	82,075 97	Wakefield 32
57,090 32	—	—	18,193 62	Walpole 33
55,710 12	915,170 50	4,101 20	15,264 41	Waltham 34
46,174 15	—	4,001 32	978,855 63	Watertown 35
—	—	3,314 53	52,780 33	Wellesley 36
—	—	826 01	1,646 31	Weston 37
53,702 55	—	564 26	1,124 63	Westwood 38
—	—	3,854 47	61,384 88	Weymouth 39
—	—	2,548 35	129,623 92	Winchester 40
—	410,922 37	1,807 21	503,026 07	Winthrop 41
—	—	1,618 64	82,449 46	Woburn 42
\$1,254,732 35	\$43,794,348 55	\$ 370,353 35	\$49,224,794 25	

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